



Suite 100  
1525 Bull Lea Road  
Lexington, KY 40511  
Phone: 859-225-8500  
Fax: 859-225-8501

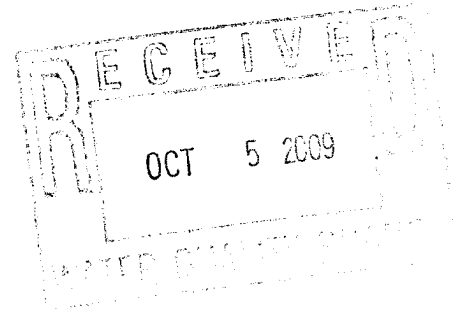
**Office Locations**

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Lexington, KY  
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October 2, 2009

Alan Grant  
Kentucky Division of Water  
200 Fair Oaks Lane  
Frankfort, KY 40601



Re: Permit Extension/New Certification  
WQC No. 2006-0050-1R  
AI No.: 33339, Activity ID No.: APE20070002  
Lexington Mall, Fayette County, Kentucky

Dear Mr. Grant:

Attached for your processing is an updated permit application with support documents for the above referenced Water Quality Certification permit on behalf of Saul Centers, Inc. A copy of the previous permit, set to expire on October 29, 2009, is also attached for your reference. Condition 'T-3' of the permit stated that the Kentucky Division of Water will not issue another renewal of the certification. Therefore, this is a request for a new certification.

The scope of the construction activities under the original permit has not changed and the U.S. Army Corps of Engineers permit remains authorized relative to 33 CFR, part 330. Local requirements that included obtaining a Conditional Letter of Map Revision from the Federal Emergency Management Agency and amending the site Development Plan has delayed construction beyond the current construction season. Current plans for the project indicate construction activity will not likely occur until the next dry season, after July 2010.

If you have any questions, please advise at your earliest convenience.

Sincerely,

STRAND ASSOCIATES, INC.®

Darrell A. Edwards, P.E.

Enclosure

c: Brian Downie, Vice President, Development, Saul Centers, Inc.  
Norma C. Condra, U.S. Army Corps of Engineers  
Kathy Allen, Kentucky Division of Water  
Marwan Rayan, Lexington-Fayette Urban County Government

COMMONWEALTH OF KENTUCKY  
NATURAL RESOURCES & ENVIRONMENTAL PROTECTION CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
DIVISION OF WATER

APPLICATION FOR PERMIT TO CONSTRUCT ACROSS OR ALONG A STREAM  
AND / OR WATER QUALITY CERTIFICATION

Chapter 151 of the Kentucky Revised Statutes requires approval from the Division of Water prior to any construction or other activity in or along a stream that could in any way obstruct flood flows or adversely impact water quality. *If the project involves work in a stream, such as bank stabilization, dredging or relocation, you will also need to obtain a 401 Water Quality Certification (WQC) from the Division of Water.* This completed form will be forwarded to the Water Quality Branch for WQC processing. The project may not start until all necessary approvals are received from the KDOW. For questions concerning the WQC process, contact the WQC section at 502/564-3410.

If the project will disturb more than 1 acre of soil, you will also need to complete the attached Notice of Intent for Storm Water Discharges, and return both forms to the Floodplain management Section of the KDOW. This general permit will require you to create an implement an erosion control plan for the project.

1. OWNER: Saul Holdings Limited Partnership  
Give name of person(s), company, governmental unit, or other owner of proposed project.  
MAILING ADDRESS: 7501 Wisconsin Ave. Bethesda, MD 20814  
  
TELEPHONE #: (301) 986-6200 EMAIL: \_\_\_\_\_
2. AGENT: Brian Downie, VP  
Give name of person(s) submitting application, if other than owner.  
ADDRESS: 7501 Wisconsin Ave. Bethesda, MD 20814  
  
TELEPHONE #: (301) 986-6122 EMAIL: brian.downie@bfsaulco.com
3. ENGINEER: Darrell Edwards, P.E. P.E. NUMBER: 19172  
Contact Division of Water if waiver can be granted.  
TELEPHONE #: (859)225-8500 EMAIL: darrell.edwards@strand.com
4. DESCRIPTION OF CONSTRUCTION: \_\_\_\_\_  
Describe the type and purpose of construction and describe stream impact  
Desilting of existing pond , modification of existing channel and control structure and extension of existing storm sewers to channel.
5. COUNTY: Fayette NEAREST COMMUNITY: Lexington
6. USGS QUAD NAME Lexington East LATITUDE/LONGITUDE: 38-00-50N / 84-27-41W
7. STREAM NAME: West Hickman Creek WATERSHED SIZE (in acres): 530
8. LINEAR FEET OF STREAM IMPACTED: 480
9. DIRECTIONS TO SITE: From KY-4 exit NW onto KY-25/421. Travel 1500 feet NW on KY-25/421 to project site on right.

10. IS ANY PORTION OF THE REQUESTED PROJECT NOW COMPLETE? Yes ☒ No ☐ If yes, identify the completed portion on the drawings you submit and indicate the date activity was completed. DATE: \_\_\_\_\_
11. ESTIMATED BEGIN CONSTRUCTION DATE: July 2010
12. ESTIMATED END CONSTRUCTION DATE: December 2010
13. HAS A PERMIT BEEN RECEIVED FROM THE US ARMY, CORPS of ENGINEERS? X Yes ☒ No ☐ If yes, attach a copy of that permit.
14. THE APPLICANT MUST ADDRESS PUBLIC NOTICE:
- (a) PUBLIC NOTICE HAS BEEN GIVEN FOR THIS PROPOSAL BY THE FOLLOWING MEANS:
- \_\_\_\_\_ Public notice in newspaper having greatest circulation in area (provide newspaper clipping or affidavit)
- \_\_\_\_\_ Adjacent property owner(s) affidavits (Contact Division of Water for requirements.)
- (b) X I REQUEST WAIVER OF PUBLIC NOTICE BECAUSE:
- This project is currently under permit by COE and KY-DOW Floodplain Management Section.  
Contact Division of Water for requirements.
15. I HAVE CONTACTED THE FOLLOWING CITY OR COUNTY OFFICIALS CONCERNING THIS PROJECT:
- Chuck Saylor, Marwan Ravan, P.E. LFUCG Division of Engineering  
Give name and title of person(s) contacted and provide copy of any approval city or county may have issued.
16. LIST OF ATTACHMENTS: \_\_\_\_\_  
List plans, profiles, or other drawings and data submitted. Attach a copy of a 7.5 minute USGS topographic map clearly showing the project location.  
11" X 17" set of construction drawings, 7.5 Minute Quad exhibit, Previous permits
17. I, BD (owner) CERTIFY THAT THE OWNER OWNS OR HAS EASEMENT RIGHTS ON ALL PROPERTY ON WHICH THIS PROJECT WILL BE LOCATED OR ON WHICH RELATED CONSTRUCTION WILL OCCUR (for dams, this includes the area that would be impounded during the design flood).
18. REMARKS: \_\_\_\_\_

I hereby request approval for construction across or along a stream as described in this application and any accompanying documents. To the best of my knowledge, all the information provided is true and correct.

Saves Holdings Limited Partnership, by Sam Conner, Inc., general partner

SIGNATURE: [Signature]

Owner or Agent sign here. (If signed by Agent, a Power of Attorney should be attached.)

DATE: 9/30/09

SIGNATURE OF LOCAL FLOODPLAIN COORDINATOR:

[Signature]

Permit application will be returned to applicant if not properly endorsed by the local floodplain coordinator.

DATE: 10/1/09

SUBMIT APPLICATION AND ATTACHMENTS TO:

Floodplain Management Section  
Division of Water  
14 Reilly Road  
Frankfort, KY 40601

STEVEN L. BESHEAR  
GOVERNOR



LEONARD K. PETERS  
SECRETARY

**ENERGY AND ENVIRONMENT CABINET**  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
DIVISION OF WATER  
200 FAIR OAKS, 4TH FLOOR  
FRANKFORT, KENTUCKY 40601  
[www.kentucky.gov](http://www.kentucky.gov)

October 29, 2008

Mr. Davis Patalita  
Saul Centers, Inc.  
8401 Connecticut Ave.  
Chevy Chase, MD 20815

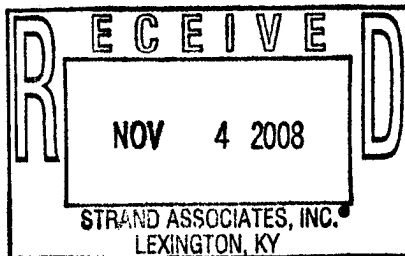
Re: WQC # 2006-0050-1R  
Lakeview Estates Lake Associates Inc -  
Lexington Reservoir No 3  
USACE Public Notice No.: LRL-2007-351  
AI No.: 33339, Activity ID: APE20080002  
West Hickman Creek  
Fayette County, Kentucky

Dear Mr. Patalita:

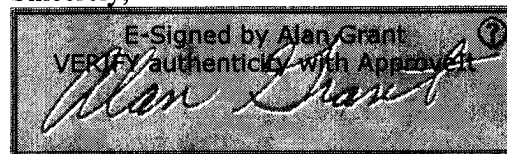
Pursuant to Section 401 of the Clean Water Act (CWA), the Commonwealth of Kentucky certifies it has reasonable assurances that applicable water quality standards under Kentucky Administrative Regulations Title 401, Chapter 5, established pursuant to Sections 301, 302, 303, 304, 306, and 307 of the CWA, will not be violated by the above referenced project provided that the U.S. Army Corps of Engineers authorizes the activity under 33 CFR part 330, and the attached conditions are met.

Please note condition T-3 of your WQC renewal. The Kentucky Division of Water will not issue another renewal of this certification. If this project does not commence within a year from the date of this letter, an updated application must be submitted.

All future correspondence on this project must reference AI No. 33339. The attached document is your official Water Quality Certification; please read it carefully. If you should have any questions concerning the conditions of this water quality certification, please contact Ms. Joyce Fry of my staff by calling (502) 564-3410.



Sincerely,



Alan Grant, Supervisor  
Water Quality Certification Section  
Kentucky Division of Water

AG:JF  
Attachment

cc: Norma Condra, USACE: Louisville District  
Lee Andrews, USFWS: Frankfort  
Christopher Dent, P.E., Strand Associates, Inc., Suite 100, 1525 Bull Lea Rd., Lexington, KY 40511

## Water Quality Certification

Lakeview Estates Lake Associates Inc - Lexington Reservoir No 3

Facility Requirements

Permit Number: WQC 2006-0050-1R

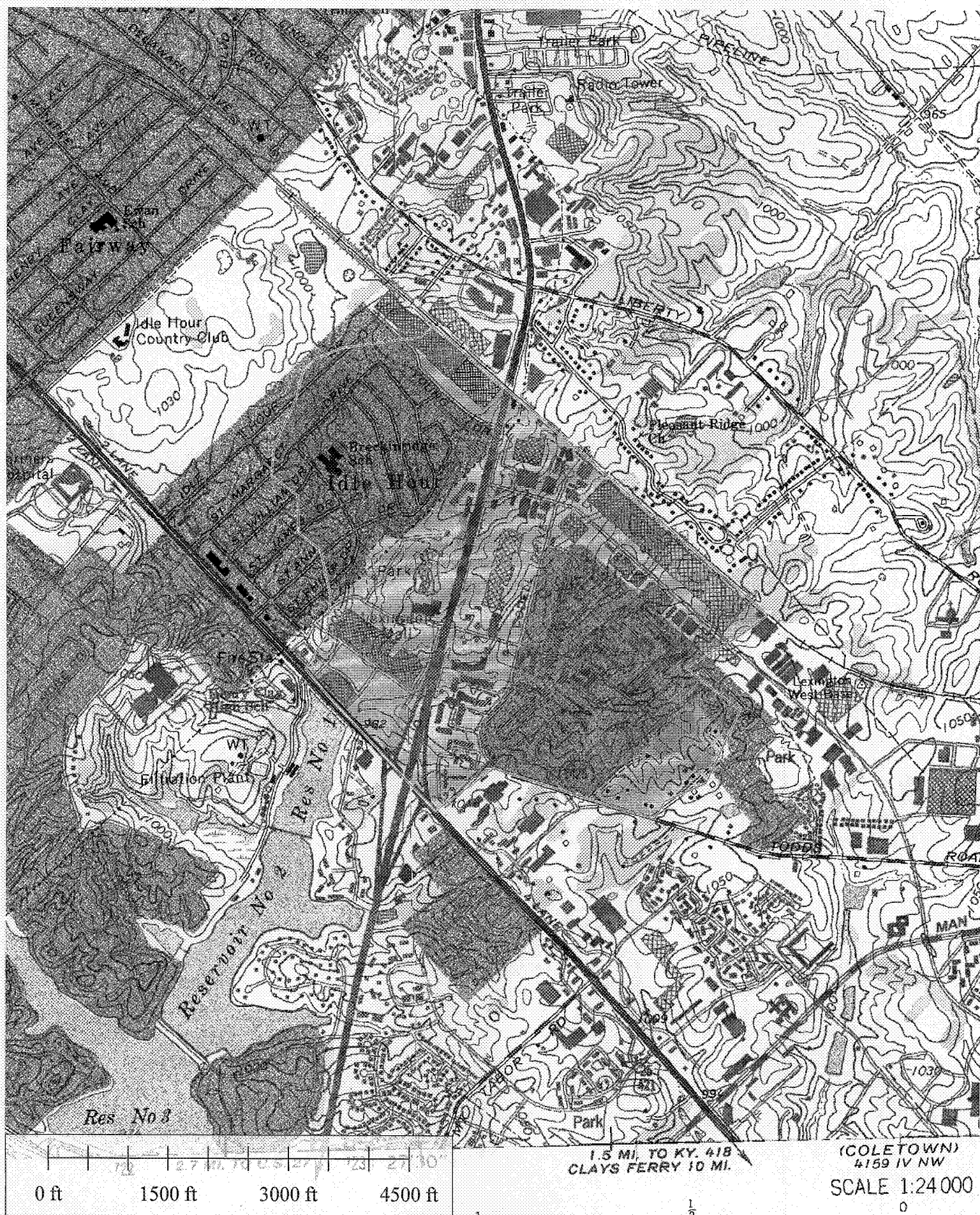
Activity ID No.: APE20080002

Page 1 of 1

**ACTV1 (Fill of retention pond) Partial filling of an existing sediment and retention pond in West Hickman Creek, upstream of Lexington Reservoir #1, reducing the approximate surface area from 2.4 acres to 0.4 acres. at about stream mile 34.5 with coordinates 38.01575, -84.4615. at Narrative Requirements:**

Condition No.	Condition
T-1	<p>The work approved by this certification shall be limited to:</p> <p>- Fill within the upstream portion of Lexington Reservoir #1, reducing the approximate surface area of the sediment/retention pond from 1.7 acres to 0.58 acres and the removal of a 0.12 acre wetland. [Clean Water Act]</p>
T-2	<p>All work performed under this certification shall adhere to the design and specifications set forth in the Application for Water Quality Certification dated October 25, 1999, USACE PN #2007-351, and supplemental information. [Clean Water Act]</p>
T-3	<p>The Kentucky Division of Water will not issue another renewal of this certification. If this project does not commence within a year from the date of this letter, an updated application must be submitted. [Clean Water Act]</p>
T-4	<p>Saul Centers, Inc. shall notify the Kentucky Division of Water at least two weeks prior to the start of construction and at the completion of construction. Contact Joyce Fry at (502) 564-3410 ext 4878 or joyce.fry@ky.gov. [Clean Water Act]</p>
T-5	<p>The applicant is responsible for preventing degradation of waters of the Commonwealth from soil erosion. An erosion and sedimentation control plan must be designed, implemented, and maintained in effective operating condition at all times during construction. [Clean Water Act]</p>
T-6	<p>The Division of Water reserves the right to modify or revoke this certification should it be determined that the activity is in noncompliance with any condition set forth in this certification. [Clean Water Act]</p>
T-7	<p>If construction does not commence within one year of the date of this letter, this certification will become void. A letter requesting a renewal should be submitted. [Clean Water Act]</p>
T-8	<p>Other permits may be required from the Division of Water for this project. If this project takes place within the floodplain, a permit may be required from the Surface Water Permits Branch. The contact person is Ron Dutta. If this project will disturb one acre or more of land, a KPDES general storm water permit will be required from the Surface Water Permits Branch. The contact person is Allen Ingram. Both can be reached at 502/564-3410. [Clean Water Act]</p>

# Lexington Mall Watershed



Total Len: 3.904 miles, Total Brg: 360° 00' 0.0", Enclosed Area: 530.5 acres



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Phoenix, AZ

[www.strand.com](http://www.strand.com)

October 2, 2009

Kathy Allen  
Kentucky Division of Water  
200 Fair Oaks Lane  
Frankfort, KY 40601

Re: Permit Extension  
Permit Number: 10084-Reissue  
Activity ID No.: APE20070003  
Lexington Mall, Fayette County, Kentucky

Dear Ms. Allen:

We are hereby requesting another extension of the above-referenced permit on behalf of Saul Centers, Inc. A copy of the previous permit, set to expire on October 20, 2009, is attached for your reference. Also attached for your files is an updated copy of the permit application with support documents required by Kentucky Division of Water to issue a new water quality certification.

The scope of the construction activities under the original permit has not changed, as noted in the support documents, and the U.S. Army Corps of Engineers permit remains authorized relative to 33 CFR, part 330. Local requirements that included obtaining a Conditional Letter of Map Revision from the Federal Emergency Management Agency and amending the site Development Plan has delayed construction beyond the favorable construction season. Current plans for the project indicate construction activity will not likely occur until the next dry season, after July 2010.

If you have any questions, please advise at your earliest convenience.

Sincerely,

STRAND ASSOCIATES, INC.®

A handwritten signature in black ink, appearing to read 'Darrell A. Edwards'.

Darrell A. Edwards, P.E.

Enclosure

c: Brian Downie, Vice President, Development, Saul Centers, Inc.  
Norma C. Condra, U.S. Army Corps of Engineers  
- Alan Grant, Kentucky Division of Water  
Marwan Rayan, Lexington-Fayette Urban County Government





STEVEN L. BESHEAR  
GOVERNOR

LEONARD K. PETERS  
SECRETARY

**ENERGY AND ENVIRONMENT CABINET**

DEPARTMENT FOR ENVIRONMENTAL PROTECTION

DIVISION OF WATER

200 FAIR OAKS, 4TH FLOOR

FRANKFORT, KENTUCKY 40601

[www.kentucky.gov](http://www.kentucky.gov)

October 20, 2008

Lakeview Estates Assoc  
8401 Connecticut Dr  
Chevy Chase, MD 20815

**RE: Stream Construction Permit #10084 - ET partial filling of an existing sediment and retention pond in West Hickman Creek, upstream of Lexington Reservoir #1, reducing the approximate surface area from 2.4 acres to 0.4 acres, at about stream mile 34.5 with coordinates 38.01575, -84.4615, at Lexington Mall just north of Richmond Road in Lexington, Fayette County.**

Dear Lakeview Estates Assoc:

We have received your request for an extension of Stream Construction Permit #10084 - Reissue. Since there are no changes in the original plans or circumstances involved, we are extending the expiration date to October 20, 2009. Please note that all restrictions and requirements on the previous permit are still applicable.

If you have any questions, please call Ms. Kathy Allen at (502) 564-3410.

Sincerely,

**Ron Dutta, P.E., Manager**  
Water Resources Branch  
Division of Water

RD/KA/kla

pc: Frankfort Regional Office  
Marwan Rayan, PE – LFUCG  
File



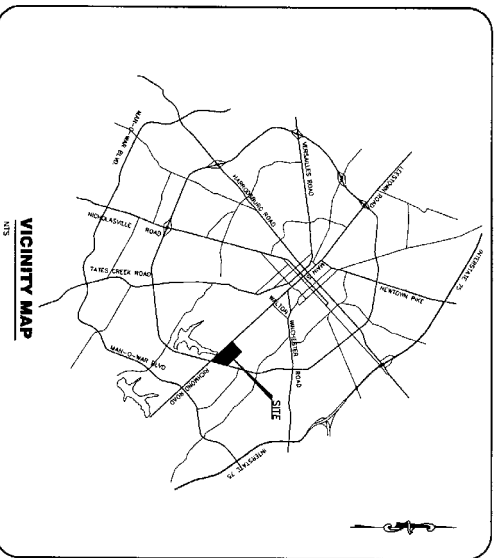
## CONSTRUCTION PLANS

# LEXINGTON MALL 2349 RICHMOND ROAD

CONTRACT 1-2008

FOR

SAUL HOLDINGS LIMITED PARTNERSHIP  
2349 RICHMOND ROAD  
LEXINGTON, KY



INDEX OF SHEETS	
SHEET	CONTENTS
1	COVER SHEET
2	SITE AND DEMOLITION PLAN
3	GRADING AND EROSION CONTROL PLAN
4	STORM SEWER PLAN AND PROFILE
5	CHANNEL CROSS SECTIONS
6	INLET STRUCTURE MODIFICATION DETAIL
7	SITE DETAILS

**APPROPRIATE PLAN COMPLIANCE STATEMENT:**  
I, SAUL HOLDINGS LIMITED PARTNERSHIP, hereby certify that the accompanying plans show the proposed work to be performed in accordance with the applicable laws, rules, regulations, codes, and standards of the Commonwealth of Kentucky, and that the work will be performed in accordance with the applicable laws, rules, regulations, codes, and standards of the Commonwealth of Kentucky.

SAUL HOLDINGS LIMITED PARTNERSHIP

I, SAUL HOLDINGS LIMITED PARTNERSHIP, hereby certify that the accompanying plans show the proposed work to be performed in accordance with the applicable laws, rules, regulations, codes, and standards of the Commonwealth of Kentucky, and that the work will be performed in accordance with the applicable laws, rules, regulations, codes, and standards of the Commonwealth of Kentucky.

STRAND ASSOCIATES, INC.

1525 Bull Lea Road, Suite 100  
Lexington, KY 40511  
859 225-8500  
859 225-8501 FAX  
www.strand.com

SEPTEMBER 2008

**STRAND**  
ASSOCIATES  
ENGINEERS

Sheet  
1  
JOB NO. 2-07-02



IN SITE-SPECIFIC RESPONSIBILITY FOR CONTROL EROSION FROM CONSTRUCTION, THE U.S. ENVIRONMENTAL PROTECTION AGENCY IS TRYING TO PROVIDE SOME DIRECTION IN THE MANNER IN WHICH THE OBJECTIVE TO CONTROL EROSION CAN BE ACCOMPLISHED. IT IS NOT THE INTENT OF STRAND ASSOCIATES INC. TO LIMIT THE CONTRACTOR IN THE MANNER AND TECHNIQUES TO CONTROL EROSION. ANY PROPOSED "TEST MANAGEMENT PRACTICE" (BMP) CHANGE SHOULD BE COORDINATED WITH THE ENGINEER FOR RECORD ON THIS BMP PLAN. A RECOMMENDED RESOURCE FOR CONSTRUCTION WORK IS STORM WATER MANAGEMENT FOR CONSTRUCTION. BEST MANAGEMENT PRACTICES PUBLISHED BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY.

**GROUNDING NOTES:**

ALL WORKSMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH UL30 STANDARD.

THE CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO DRIVING OR DRIVELING SINKHOLE.

ALL TREES, BRUSH AND OTHERS SHALL BE REMOVED FROM SITE BY CONTRACTOR. NO BURNING OF BRUSH OR UNSAVABLE MATERIAL IS ALLOWED.

IN ADDITION TO THE REQUIREMENT THE DISBURGANCE TO OPEN AREAS, AREAS DISTURBED BY THE CONTRACTOR SHALL BE REVEALED AND BURNING AREAS INDICATED ON THE PLAN SHALL BE STABILIZED APPROPRIATELY IN ACCORDANCE WITH "BEST MANAGEMENT PRACTICES".

ALL UNSAVABLE MATERIAL, AS VERIFIED BY GEOTECHNICAL ENGINEER, SHALL BE REMOVED FROM THE SITE.

PACIENT AND COMPACTION OF ALL ENGINEERED FILL MATERIAL IS TO BE OBSERVED AND VERIFIED BY A GEOTECHNICAL ENGINEER TO VERIFY THAT ACCEPTABLE MATERIAL IS USED AND COMPACTED TO A 95% STANDARD PROCTOR.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A GRADING PERMIT FROM THE LOCAL DEPARTMENT OF PUBLIC WORKS PRIOR TO THE CONSTRUCTION OF THE POLICE DIVISION OF BOLLING INSTECTION PRIOR TO ANY CONSTRUCTION ACTIVITY.

THE CONTRACTOR IS TO SUBMIT A LETTER TO THE OWNER WITH A COPY TO THE ENGINEER STATING 1. CERTAINLY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL WASTEWATER POLLUTANT DISCHARGE PERMIT AND 2. THAT THE CONSTRUCTION OF THE POLICE DIVISION OF BOLLING DISCHARGE ASSOCIATED WITH NONPOINT ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION, THE CONSTRUCTION MUST INCLUDE THE FOLLOWING INFORMATION: (a) THE NAME OF THE CONTRACTOR, (b) THE ADDRESS, ADDRESS AND TELEPHONE NUMBER OF THE CONNECTED PUMP, (c) THE ADDRESS, ADDRESS AND TELEPHONE NUMBER OF THE DISCHARGE, (d) THE DATE OF THE CONSTRUCTION, (e) THE DISPOSITION OF THE SITE AND (f) THE DATE OF THE CONSTRUCTION.

CONTRACTOR SHALL PREPARE A FURNISHED POLLUTANT PREVENTION PLAN FOR REVIEW AND APPROVAL OF OWNER, WITH A COPY TO THE ENGINEER, PRIOR TO THE PRECONSTRUCTION MEETING.

UTILITIES.

EXISTING UNDERGROUND UTILITIES AND SERVICES, IF ANY, ARE TO BE LOCATED BY THE CONTRACTOR PRIOR TO THE BEGINNING OF THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING INFORMATION IN THEIR APPROXIMATE LOCATIONS ACCORDING TO THE BEST AVAILABLE DATA. THE LOCATIONS SHOWN ARE INTENDED TO BE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NEAREST AVAILABLE INFORMATION TO LOCATE THE UTILITIES ACCURATELY.

A. TO CONTACTING THE APPROPRIATE UTILITY OWNERS TEN DAYS PRIOR TO CONSTRUCTION, ADVISING THEM OF THE WORK TO TAKE PLACE.

B. LOCATING THEM AND IN LOCATING AND PROTECTING ANY EXISTING UTILITIES.
























































C. EXCAVATING AND VERIFIING THE HORIZONTAL AND VERTICAL LOCATION OF EACH UTILITY.

D. TO PROTECT ANY UTILITIES FROM DAMAGE TO ANY EXISTING UTILITY.

- 2) INSTALL SIGN FENCE AS SHOWN.

- [illegible]

**SALE CENTERS REPRESENTATIVE**  
\_\_\_\_\_  
**CONTRACTOR:**  
\_\_\_\_\_  
**ATTN:** \_\_\_\_\_  
\_\_\_\_\_  
**PHONE** \_\_\_\_\_

446	EXTINGUISH CONTAINER		LIGHT POLE
447	EXTINGUISH CONTAINER		UTILITY POLE
448	PROPOSED 5' CONTAINER		DAY WORKER
449	PROPOSED 1' CONTAINER		
450	EXISTING 5' CONTAINER		WATER VALVE
451	EXISTING 1' CONTAINER		HEADPOST
452	PROPOSED SERVICE RAIL*		QUADRANT
453	PROPOSED SERVICE RAIL*		REACH-OF-ARM
454	SPOT LOCATION		SERVICE RAIL
455	EXISTING LOCATION		PROPOSITION
456	EXISTING LOCATION		PROPOSED RAIL
457	EXISTING LOCATION		PROPOSED RAIL
458	EXISTING LOCATION		PROPOSED RAIL
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500	EXISTING LOCATION		PROPOSED RAIL

\* CONSTRUCTION TRAFFIC TO BE LIMITED TO THIS ENTRANCE

File: S:\LEX\2000--2099\Acod\PiontSAUL REV 09-02-08.dwg Time: Oct 02, 2009 - 11:00am

Time: Oct 02, 2009 - 11:00am

# GRADING AND EROSION CONTROL PLAN

FOR SAUL HOLDINGS LIMITED PARTNERSHIP  
2349 RICHMOND ROAD  
LEXINGTON, FAYETTE COUNTY, KENTUCKY  
SEPTEMBER 2008



**STRAND**  
ASSOCIATES, INC.<sup>®</sup>  
ENGINEERS

DATE: 09/24/08  
DES BY: BMT CHK BY: DAE  
RECORD DRAWING  
BY:  
DATE:  
CONTRACTOR:

[illegible]

NOT FOR  
CONSTRUCTION

**LEGEND**

- EXISTING 6" CONCRETE
- PROPOSED 6" CONCRETE
- EXISTING 12" CONCRETE
- PROPOSED 12" CONCRETE
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- EXISTING SURFACE INLET
- PROPOSED SURFACE INLET
- 1000 X 1000 X 10" DEEP
- SPOT ELEVATION
- DEVELOPED ELEVATION
- TRUCK
- LIGHT POLE
- UTILITY POLE
- OUT MARCH
- WATER VALVE
- HYDRANT
- RAILROAD
- RIGHT-OF-WAY
- PROPOSED INTERSECTION

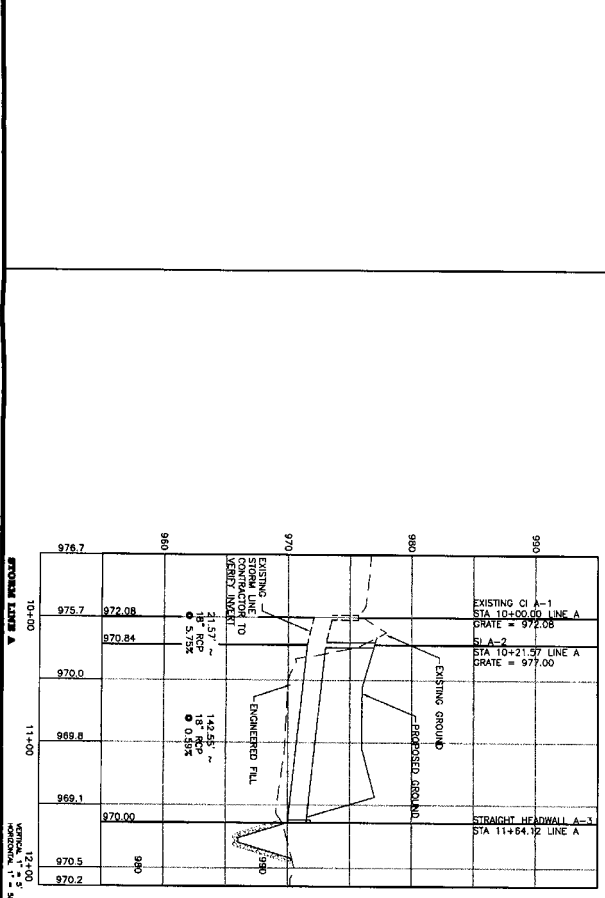
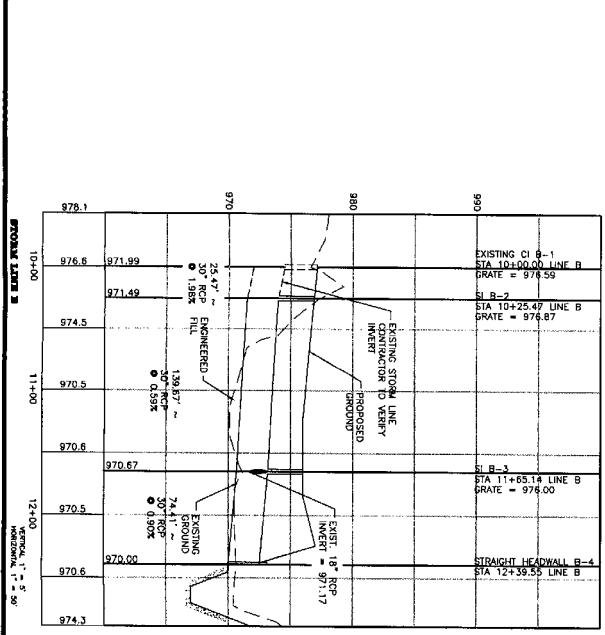
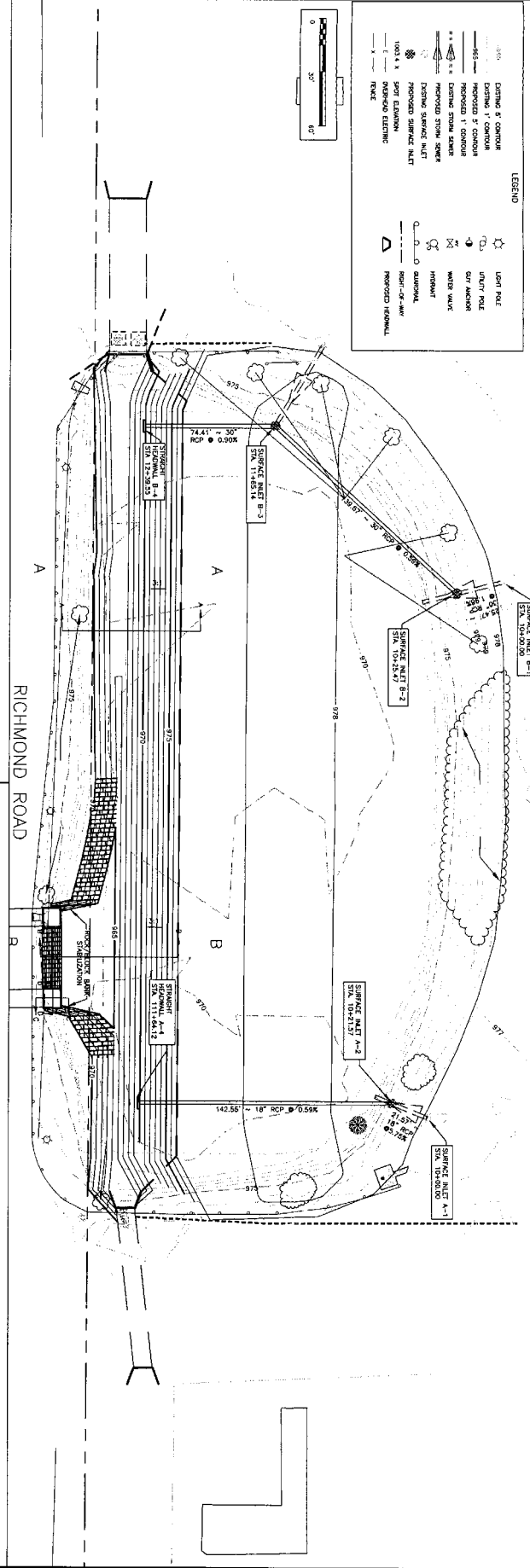


Fig. 5.11/2008-2009/2017 (002) Main/Plan/SAUL, KY 08-02-08.dwg Date: 02/02/2009 - 10:59am

**STORM SEWER PLAN  
AND PROFILE**

FOR SAUL HOLDINGS LIMITED PARTNERSHIP  
2349 RICHMOND ROAD  
LEXINGTON, FAYETTE COUNTY, KENTUCKY  
SEPTEMBER 2008

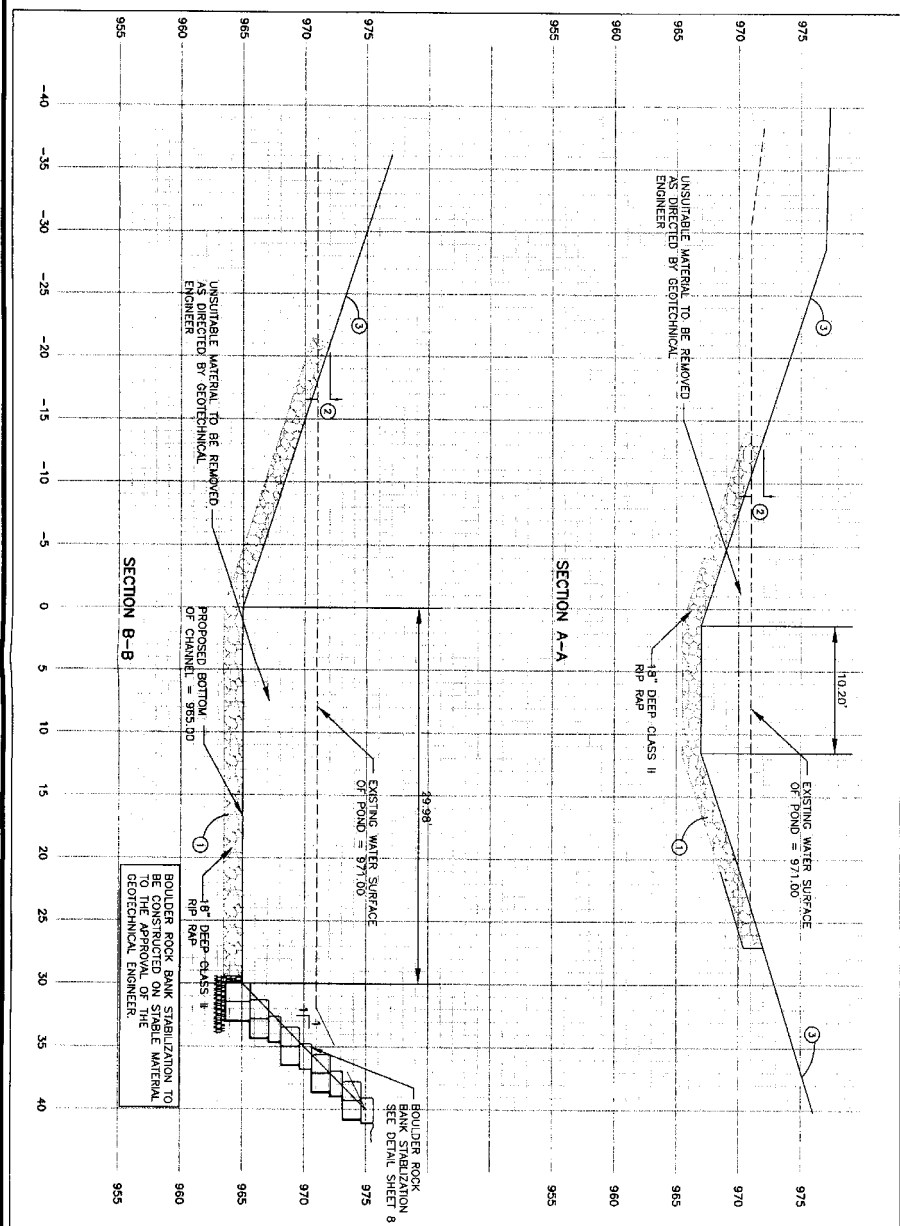
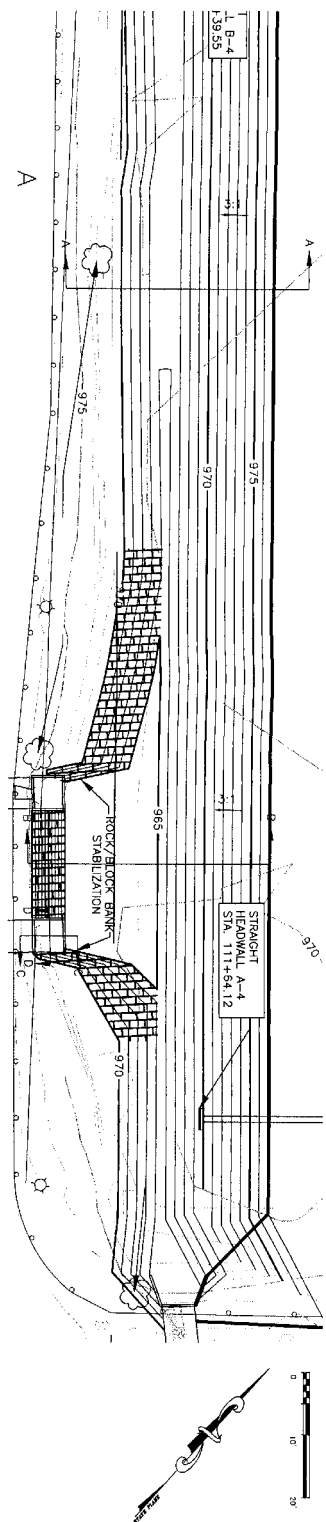
DATE: 09/24/08  
DES BY: BMT CHK BY: DAE  
RECORD DRAWING  
BY:  
DATE:  
CONTRACTOR:

NO. REVISIONS DATE:

**BRAND ASSOCIATES ENGINEERS**

SHEET 4

NOT FOR CONSTRUCTION



- ① IF BOTTOM OF CHANNEL IS UNTO BED ROCK, USE BED ROCK FOR BOTTOM OF CHANNEL. ROCK CHANNEL BOTTOM
- ② RIP RAP CHANNEL BANKS UP TO ELEVATION 972 - 1 FOOT ABOVE NORMAL FLOOD SLOPES TO TOP OF BANK
- ③ INSTALL MAG-PISSO EROSION CONTROL SLOPES TO TOP OF BANK



# CHANNEL CROSS SECTIONS

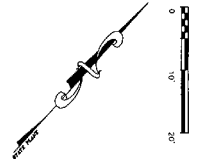
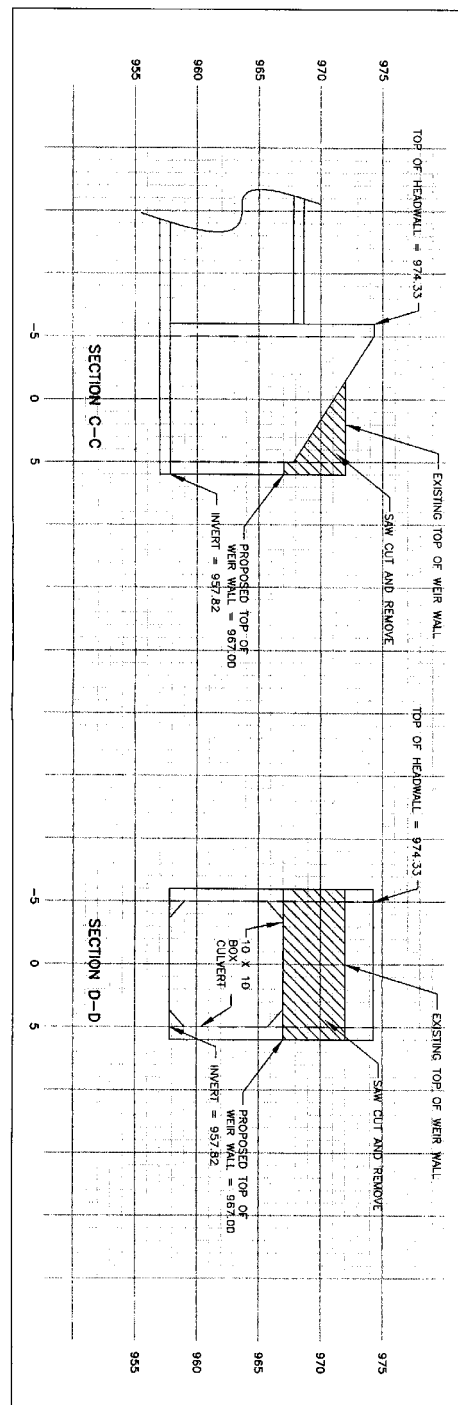
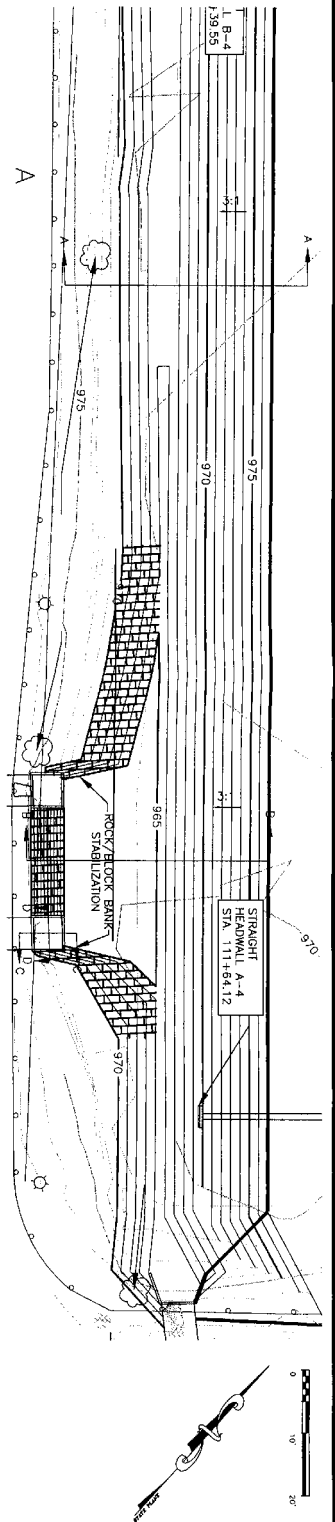
FOR SAUL HOLDINGS LIMITED PARTNERSHIP  
2349 RICHMOND ROAD  
LEXINGTON, FAYETTE COUNTY, KENTUCKY  
SEPTEMBER 2008

DATE: 09/24/08  
DES BY: BMT CHK BY: DAE  
RECORD DRAWING  
BY:  
DATE:  
CONTRACTOR:

NO.	REVISIONS	DATE:



SHEET  
5



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# **INLET STRUCTURE MODIFICATION DETAIL**

FOR SAUL HOLDINGS LIMITED PARTNERSHIP  
2349 RICHMOND ROAD  
LEXINGTON, FAYETTE COUNTY, KENTUCKY  
SEPTEMBER 2008

DATE: 09/24/08  
DES BY: BMT CHK BY: DAE  
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NO.	REVISIONS	DATE:

NOT FOR  
CONSTRUCTION



SHEET  
6  
JOB NO. 2-07-002



**N.T.S.**

